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14 Response 2-11.03

In re Patent Application of: ERRATICO

Serial No. 09/899,573

Confirmation No. 1615

Filing Date: July 5, 2001

For: INTEGRATED STRUCTURE

Examiner: J. Mondt

Art Unit: 2826

AMENDMENT AFTER FINAL ACTION UNDER 37 CFR §1.116

Director, U.S. Patent and Trademark Office Washington, D.C. 20231

Sir:

Responsive to the Final Office Action of November 20, 2002, please enter the remarks set out below.

REMARKS

The Examiner is thanked for his thorough examination of the present application. In view of the arguments presented in detail below, it is submitted that all of the claims are patentable.

I. The Claimed Invention

The present invention is directed to an integrated structure. As recited in independent Claim 17, for example, the integrated structure includes a substrate having a first conductivity type and an epitaxial layer on the substrate. The epitaxial layer has the first conductivity type and a conductivity less than a conductivity of the substrate. Moreover, the integrated structure also includes first and second regions in the epitaxial layer each having a second conductivity type opposite the first conductivity type. The first and second regions extend from a surface of the epitaxial layer opposite the substrate into the epitaxial